

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120420\
 Data File : BF122548.D
 Acq On : 4 Dec 2020 16:34
 Operator : JU/CG
 Sample : L4910-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PAV-B47-113020-0-10

Quant Time: Dec 04 16:58:15 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 04 12:52:10 2020
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

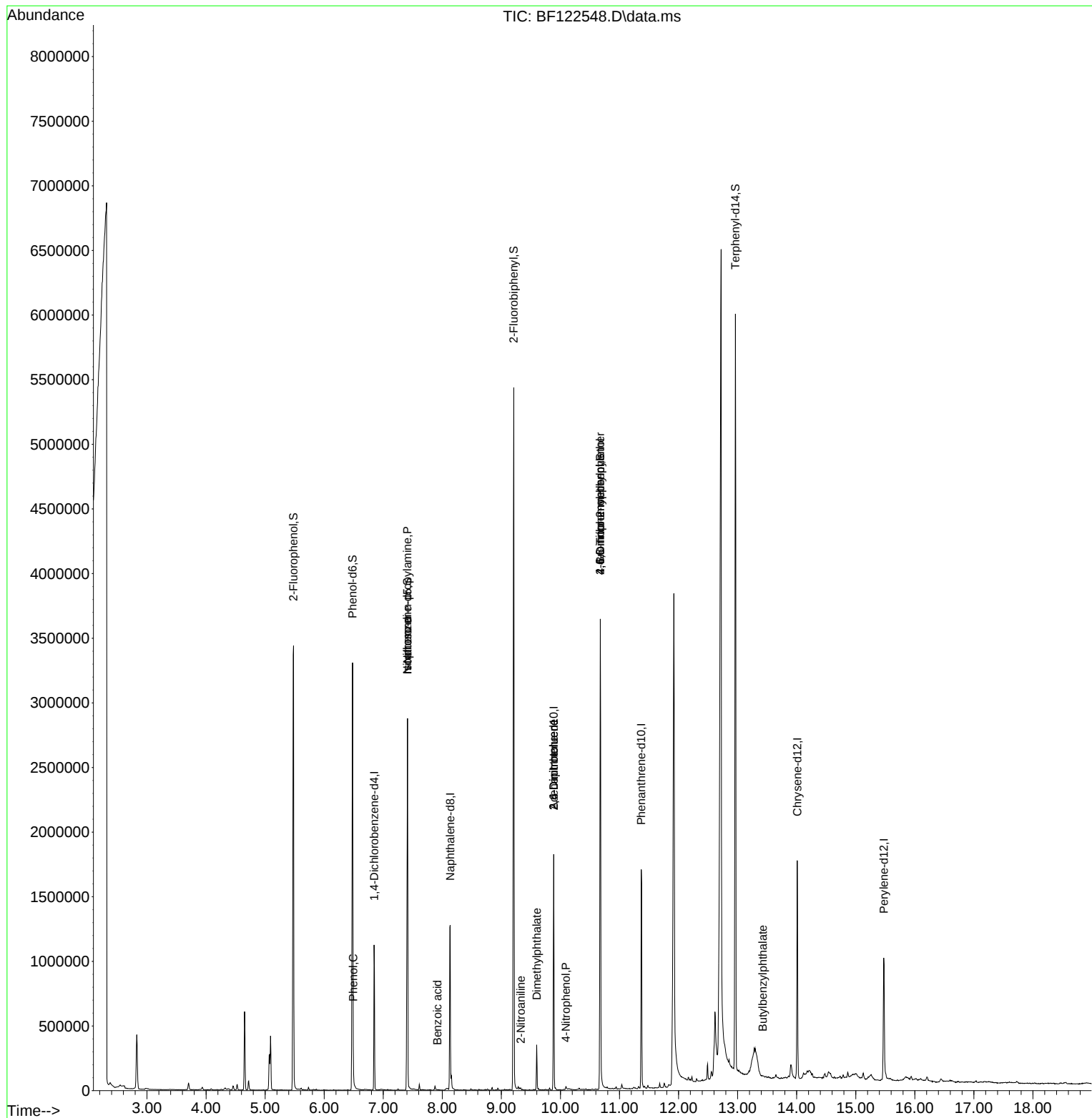
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	160525	20.00	ng	0.00
21) Naphthalene-d8	8.133	136	635576	20.00	ng	# 0.00
39) Acenaphthene-d10	9.886	164	339707	20.00	ng	0.00
64) Phenanthrene-d10	11.368	188	645333	20.00	ng	0.00
76) Chrysene-d12	14.009	240	566286	20.00	ng	-0.01
86) Perylene-d12	15.474	264	473558	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	1079830	103.29	ng	0.01
7) Phenol-d6	6.481	99	1214721	88.82	ng	0.00
23) Nitrobenzene-d5	7.410	82	961668	92.63	ng	0.00
42) 2,4,6-Tribromophenol	10.674	330	516413	141.64	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	1763793	81.12	ng	0.00
79) Terphenyl-d14	12.963	244	2065109	77.26	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.398	77	848	Below Cal		87
10) Phenol	6.492	94	34409	2.55	ng	81
19) n-Nitroso-di-n-propyla...	7.410	70	128379	15.71	ng	# 75
25) Isophorone	7.410	82	948352	40.97	ng	# 67
32) Benzoic acid	7.916	122	1615	8.18	ng	94
48) 2-Nitroaniline	9.327	65	118	5.19	ng	# 6
50) Dimethylphthalate	9.598	163	129620	5.37	ng	100
51) 2,6-Dinitrotoluene	9.886	165	44757	11.48	ng	# 20
56) 4-Nitrophenol	10.092	139	693	5.53	ng	# 10
57) 2,4-Dinitrotoluene	9.886	165	44757	10.68	ng	# 20
65) 4,6-Dinitro-2-methylph...	10.674	198	1161	6.67	ng	# 1
67) 4-Bromophenyl-phenylether	10.674	248	32272	4.26	ng	# 1
80) Butylbenzylphthalate	13.427	149	706	3.33	ng	# 32

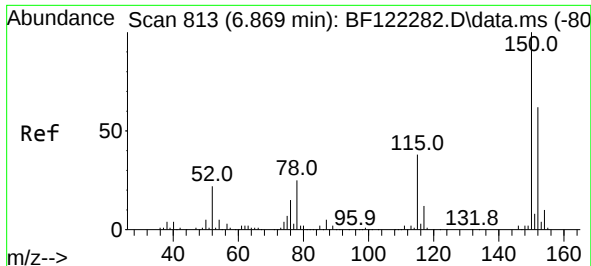
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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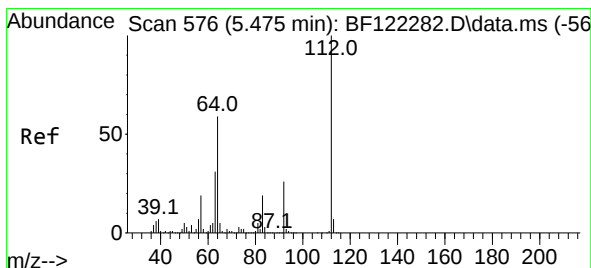
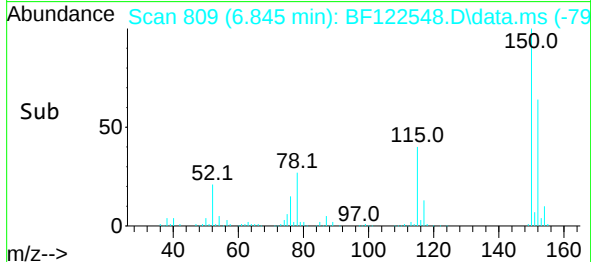
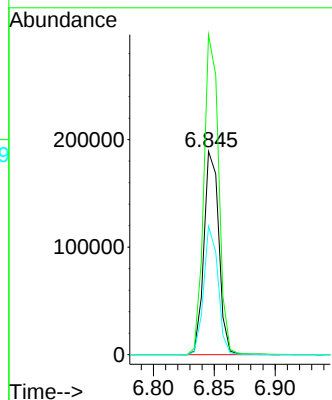
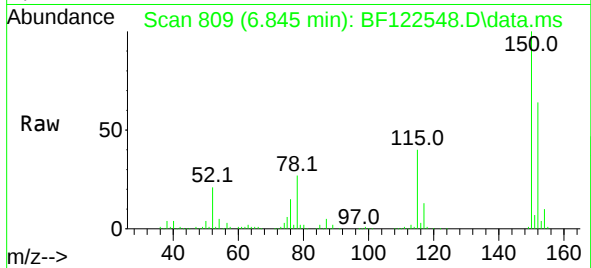




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.845 min Scan# 809
Delta R.T. -0.006 min
Lab File: BF122548.D
Acq: 4 Dec 2020 16:34

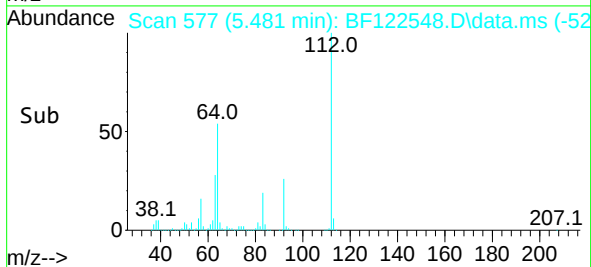
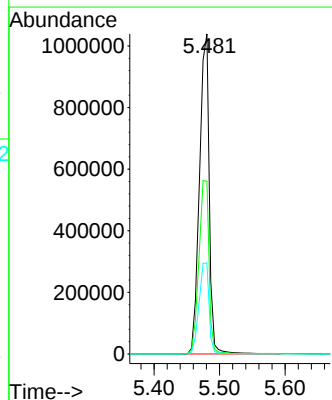
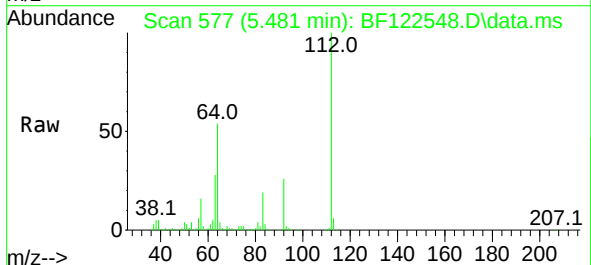
Instrument :
BNA_F
ClientSampleId :
PAV-B47-113020-0-10

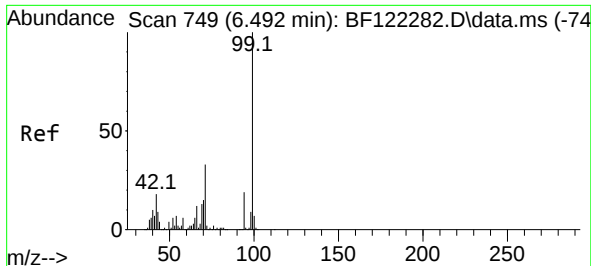
Tgt Ion:152 Resp: 160525
Ion Ratio Lower Upper
152 100
150 157.4 125.3 187.9
115 63.2 51.9 77.9



#5
2-Fluorophenol
Concen: 103.29 ng
RT: 5.481 min Scan# 577
Delta R.T. 0.012 min
Lab File: BF122548.D
Acq: 4 Dec 2020 16:34

Tgt Ion:112 Resp: 1079830
Ion Ratio Lower Upper
112 100
64 54.0 50.4 75.6
63 28.4 25.8 38.6

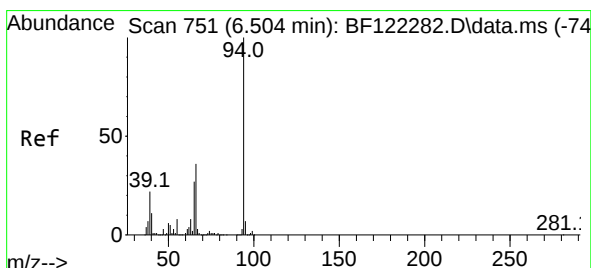
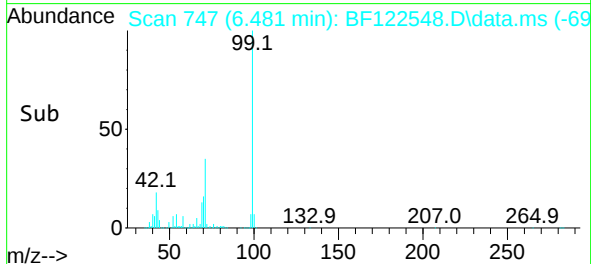
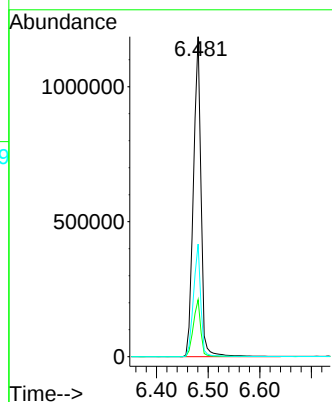
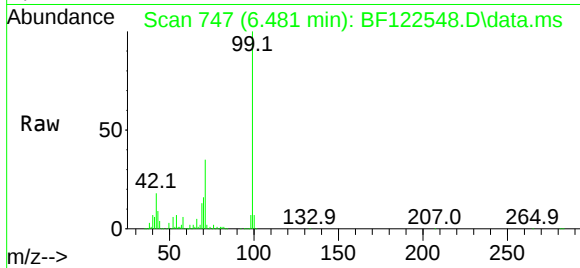




#7
Phenol-d6
Concen: 88.82 ng
RT: 6.481 min Scan# 747
Delta R.T. -0.006 min
Lab File: BF122548.D
Acq: 4 Dec 2020 16:34

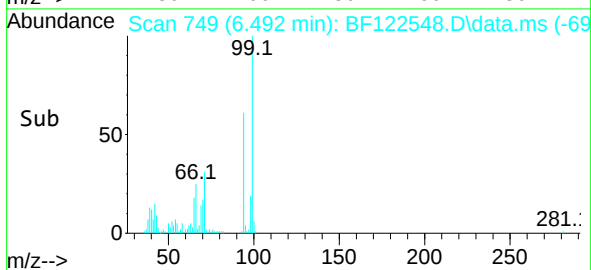
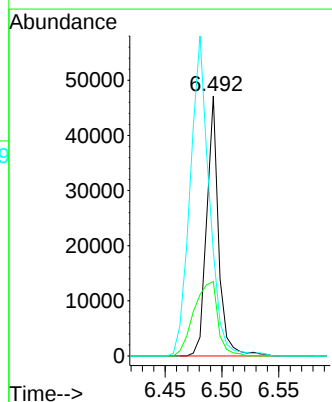
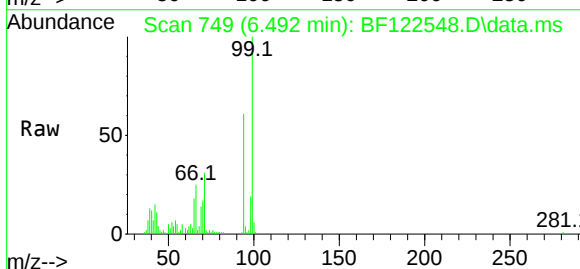
Instrument :
BNA_F
ClientSampleId :
PAV-B47-113020-0-10

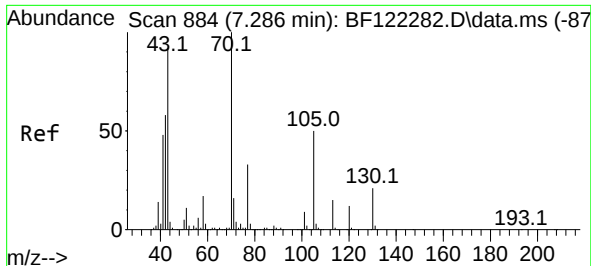
Tgt Ion: 99 Resp: 1214721
Ion Ratio Lower Upper
99 100
42 17.8 15.9 23.9
71 35.2 27.1 40.7



#10
Phenol
Concen: 2.55 ng
RT: 6.492 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF122548.D
Acq: 4 Dec 2020 16:34

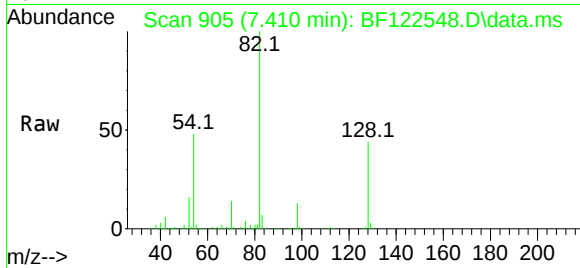
Tgt Ion: 94 Resp: 34409
Ion Ratio Lower Upper
94 100
65 28.6 17.1 57.1
66 40.2 36.0 76.0



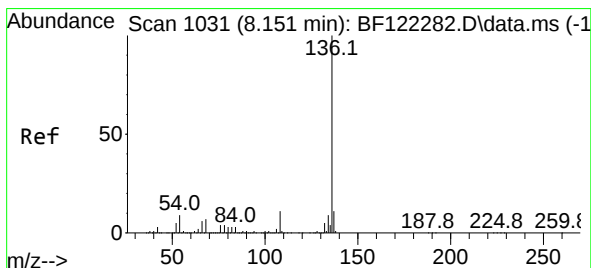
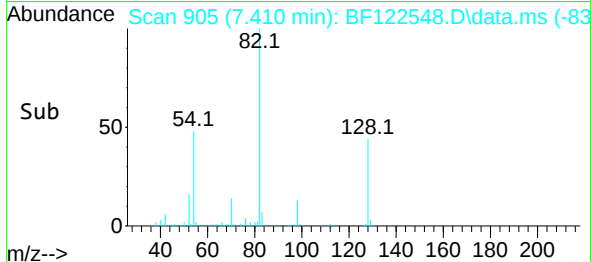
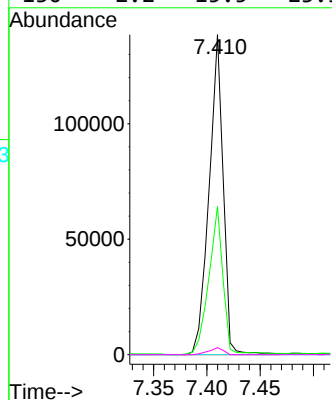


#19
n-Nitroso-di-n-propylamine
Concen: 15.71 ng
RT: 7.410 min Scan# 905
Delta R.T. 0.141 min
Lab File: BF122548.D
Acq: 4 Dec 2020 16:34

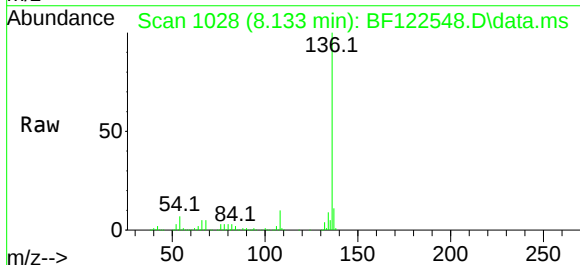
Instrument :
BNA_F
ClientSampleId :
PAV-B47-113020-0-10



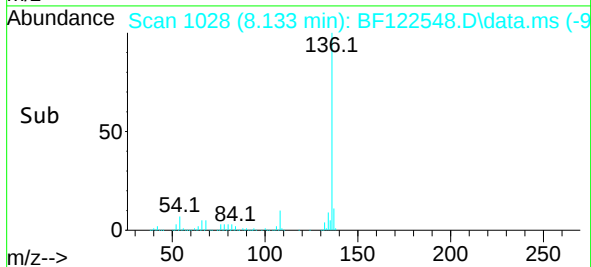
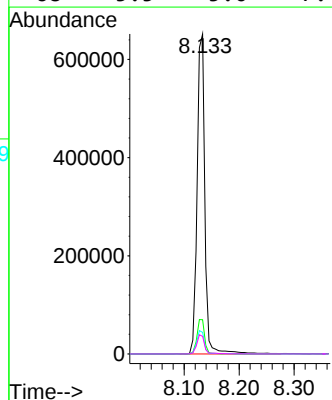
Tgt Ion: 70 Resp: 128379
Ion Ratio Lower Upper
70 100
42 46.4 50.2 75.4#
101 0.0 7.5 11.3#
130 2.2 15.5 23.3#

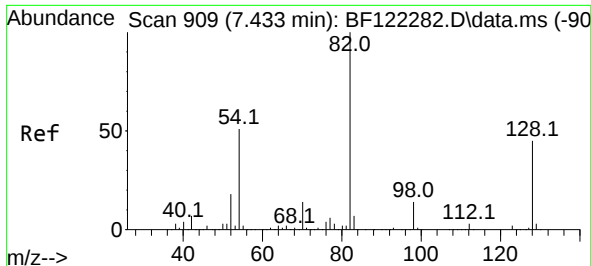


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.133 min Scan# 1028
Delta R.T. -0.000 min
Lab File: BF122548.D
Acq: 4 Dec 2020 16:34



Tgt Ion: 136 Resp: 635576
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 6.7 7.1 10.7#
68 5.5 5.0 7.4





#23

Nitrobenzene-d5

Concen: 92.63 ng

RT: 7.410 min Scan# 905

Delta R.T. -0.006 min

Lab File: BF122548.D

Acq: 4 Dec 2020 16:34

Tgt Ion: 82 Resp: 961668

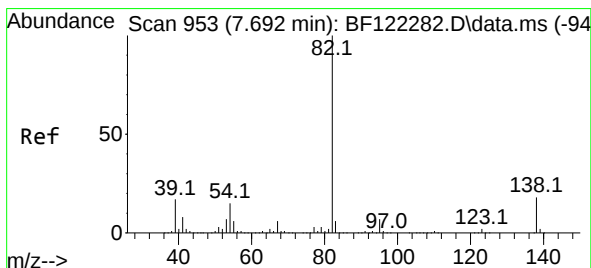
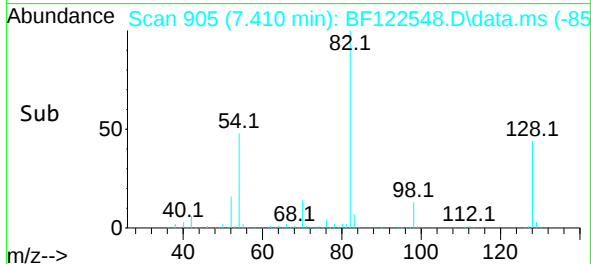
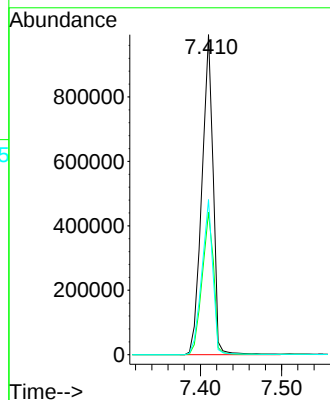
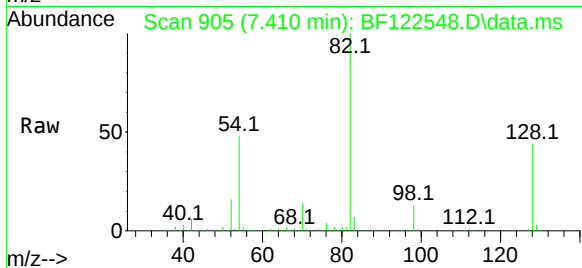
Ion	Ratio	Lower	Upper
82	100		
128	44.5	35.0	52.4
54	48.5	43.9	65.9

Instrument :

BNA_F

ClientSampleId :

PAV-B47-113020-0-10



#25

Isophorone

Concen: 40.97 ng

RT: 7.410 min Scan# 905

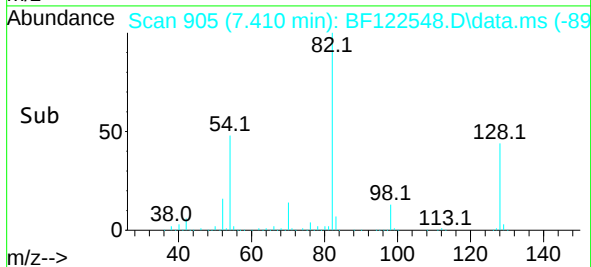
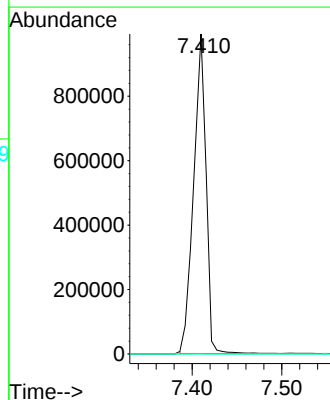
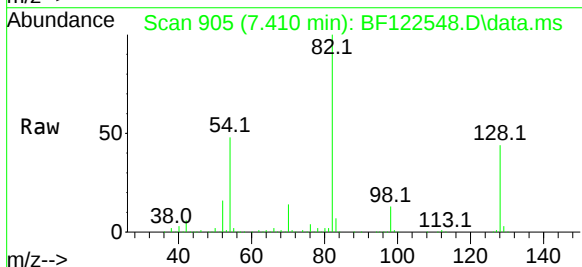
Delta R.T. -0.265 min

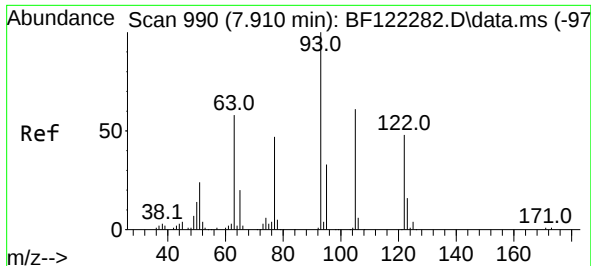
Lab File: BF122548.D

Acq: 4 Dec 2020 16:34

Tgt Ion: 82 Resp: 948352

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.4	8.0#
138	0.0	13.4	20.0#

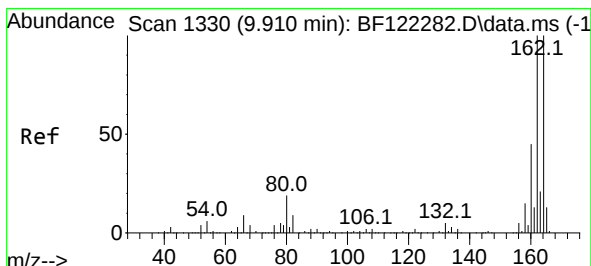
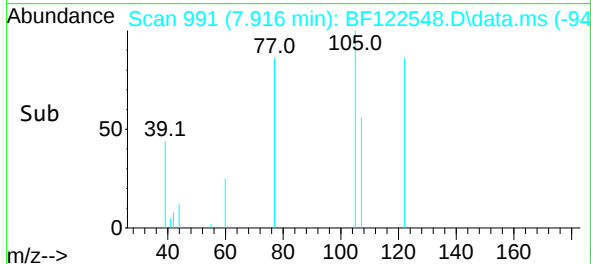
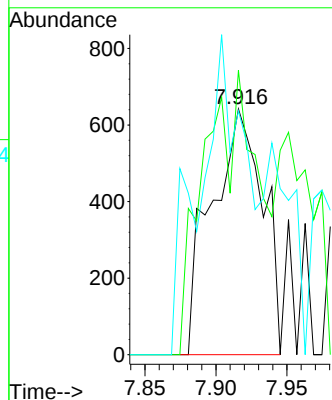
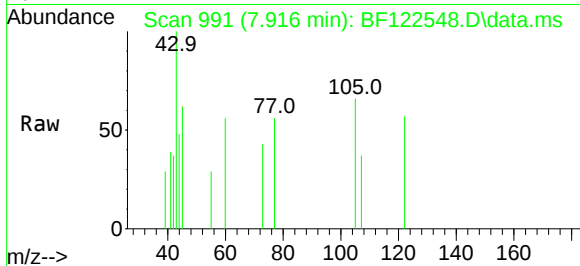




#32
Benzoic acid
Concen: 8.18 ng
RT: 7.916 min Scan# 991
Delta R.T. -0.006 min
Lab File: BF122548.D
Acq: 4 Dec 2020 16:34

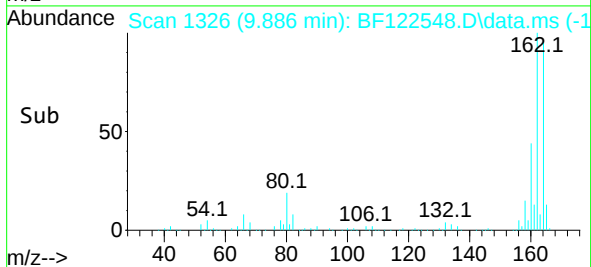
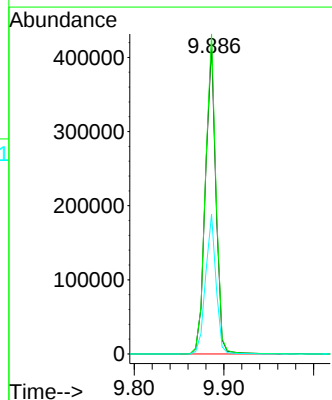
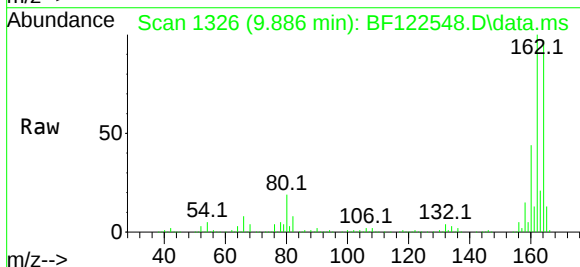
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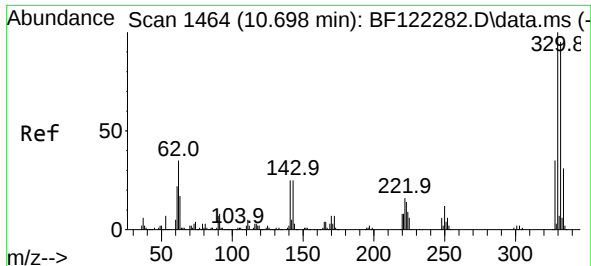
Tgt Ion:122 Resp: 1615
Ion Ratio Lower Upper
122 100
105 115.7 103.3 143.3
77 99.2 73.9 113.9



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.886 min Scan# 1326
Delta R.T. -0.006 min
Lab File: BF122548.D
Acq: 4 Dec 2020 16:34

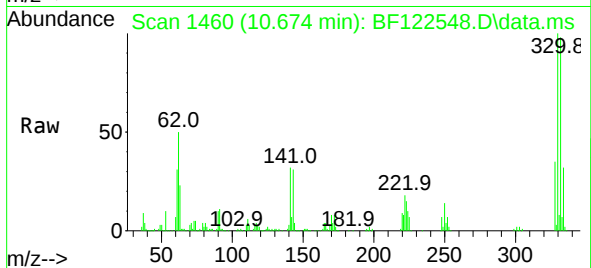
Tgt Ion:164 Resp: 339707
Ion Ratio Lower Upper
164 100
162 103.1 83.2 124.8
160 45.0 37.5 56.3



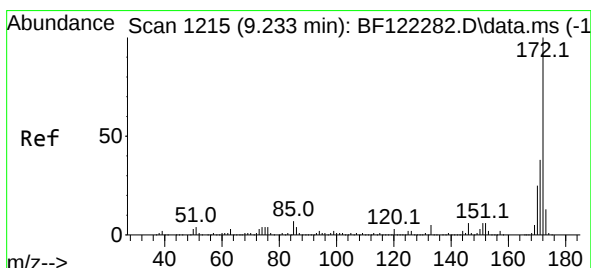
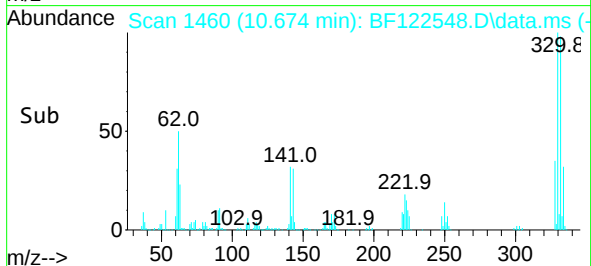
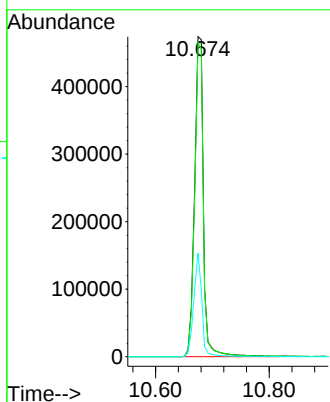


#42
2,4,6-Tribromophenol
Concen: 141.64 ng
RT: 10.674 min Scan# 1460
Delta R.T. -0.006 min
Lab File: BF122548.D
Acq: 4 Dec 2020 16:34

Instrument :
BNA_F
ClientSampleId :
PAV-B47-113020-0-10

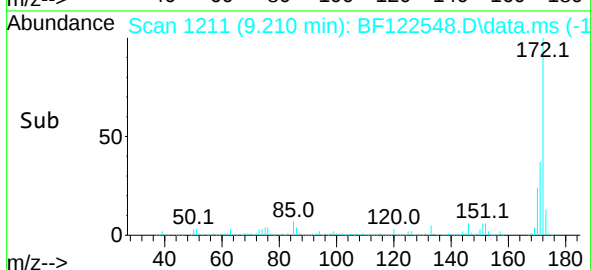
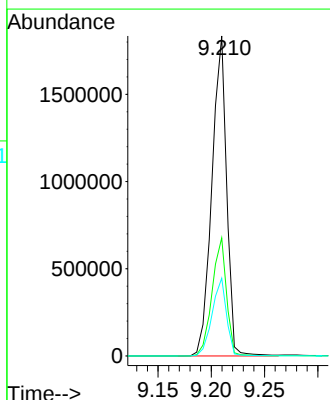
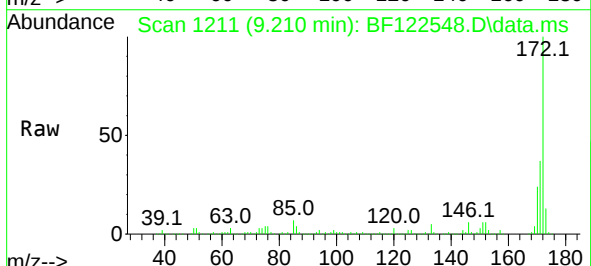


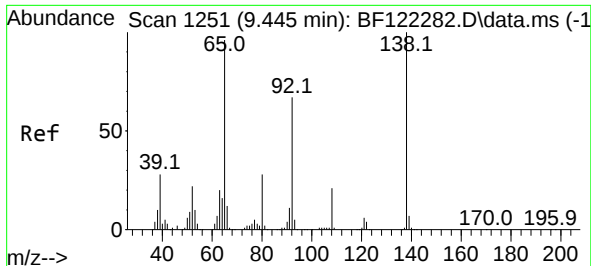
Tgt Ion: 330 Resp: 516413
Ion Ratio Lower Upper
330 100
332 96.5 77.3 115.9
141 29.7 22.3 33.5



#45
2-Fluorobiphenyl
Concen: 81.12 ng
RT: 9.210 min Scan# 1211
Delta R.T. -0.006 min
Lab File: BF122548.D
Acq: 4 Dec 2020 16:34

Tgt Ion: 172 Resp: 1763793
Ion Ratio Lower Upper
172 100
171 36.9 29.1 43.7
170 24.3 19.8 29.6

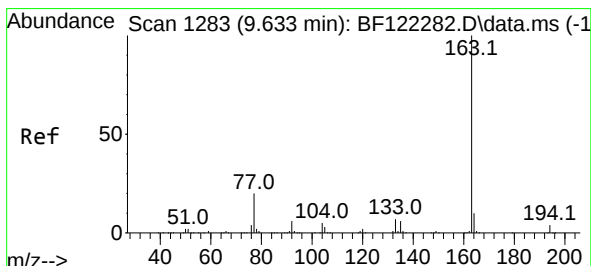
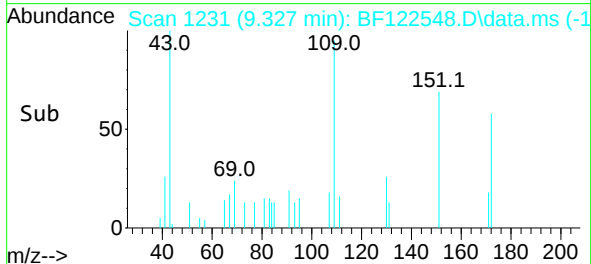
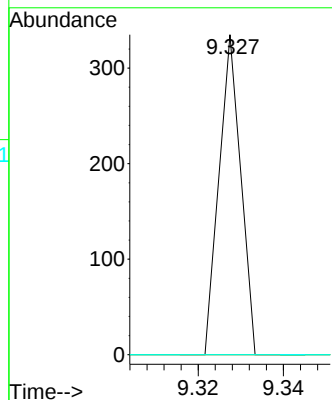
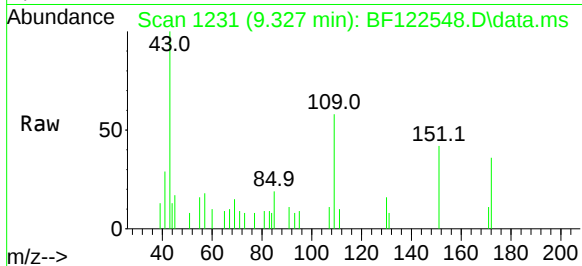




#48
2-Nitroaniline
Concen: 5.19 ng
RT: 9.327 min Scan# 1231
Delta R.T. -0.106 min
Lab File: BF122548.D
Acq: 4 Dec 2020 16:34

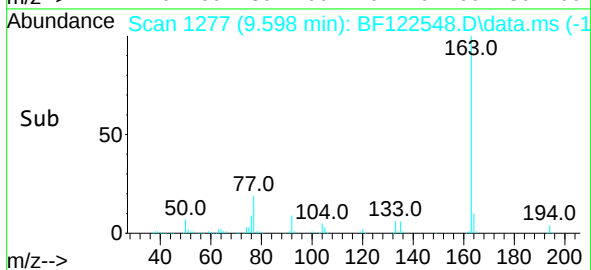
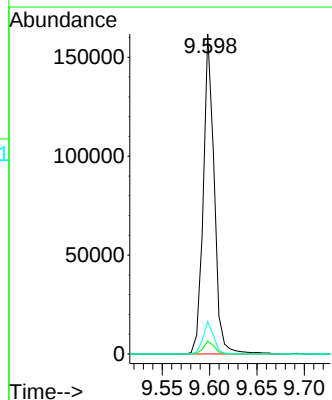
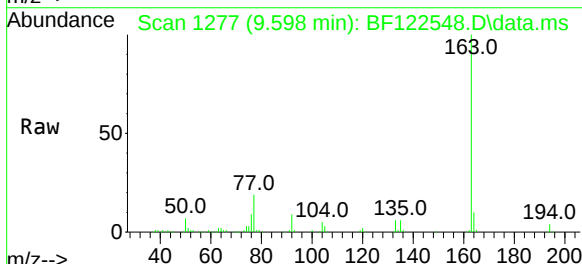
Instrument :
BNA_F
ClientSampleId :
PAV-B47-113020-0-10

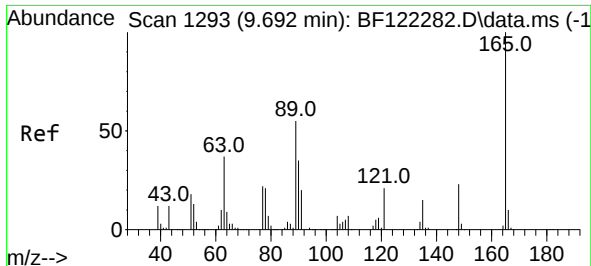
Tgt Ion: 65 Resp: 118
Ion Ratio Lower Upper
65 100
92 0.0 55.1 82.7#
138 0.0 80.5 120.7#



#50
Dimethylphthalate
Concen: 5.37 ng
RT: 9.598 min Scan# 1277
Delta R.T. -0.018 min
Lab File: BF122548.D
Acq: 4 Dec 2020 16:34

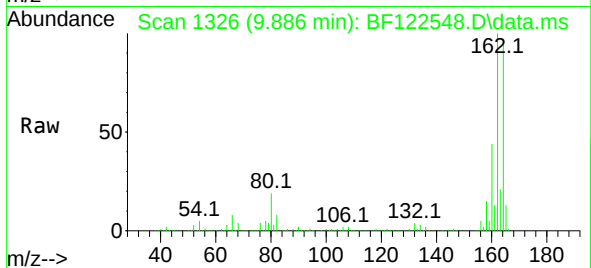
Tgt Ion: 163 Resp: 129620
Ion Ratio Lower Upper
163 100
194 4.0 3.3 4.9
164 10.1 8.2 12.4



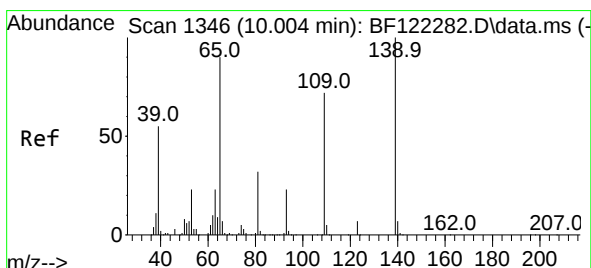
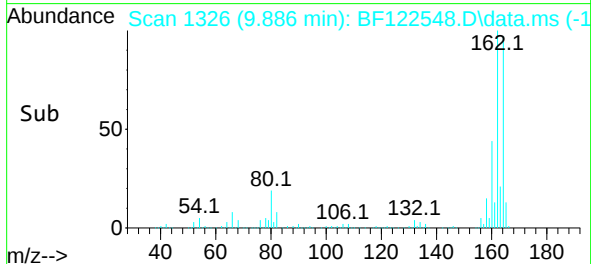
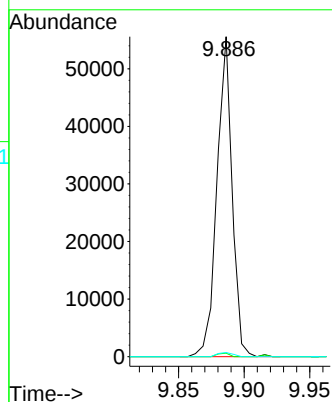


#51
2,6-Dinitrotoluene
Concen: 11.48 ng
RT: 9.886 min Scan# 1326
Delta R.T. 0.212 min
Lab File: BF122548.D
Acq: 4 Dec 2020 16:34

Instrument :
BNA_F
ClientSampleId :
PAV-B47-113020-0-10

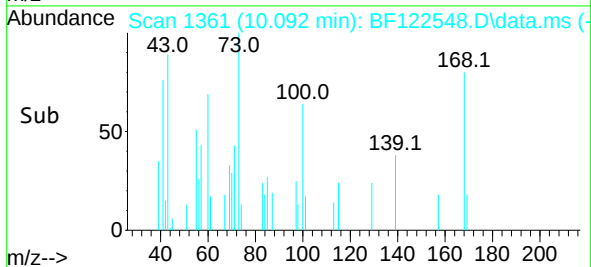
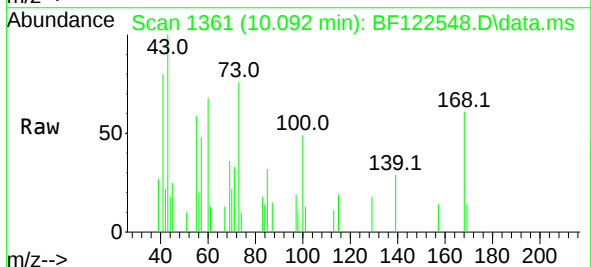
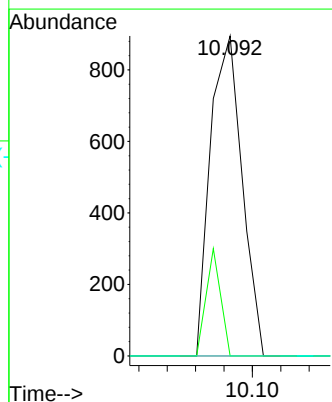


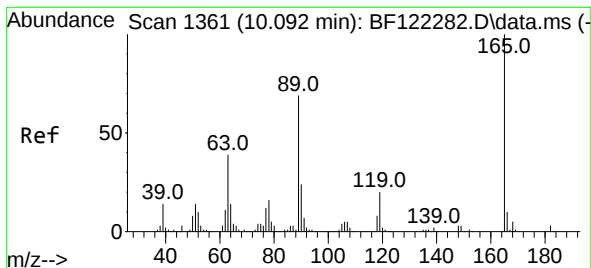
Tgt Ion:165 Resp: 44757
Ion Ratio Lower Upper
165 100
63 1.1 51.8 77.6#
89 1.3 49.0 73.6#



#56
4-Nitrophenol
Concen: 5.53 ng
RT: 10.092 min Scan# 1361
Delta R.T. 0.088 min
Lab File: BF122548.D
Acq: 4 Dec 2020 16:34

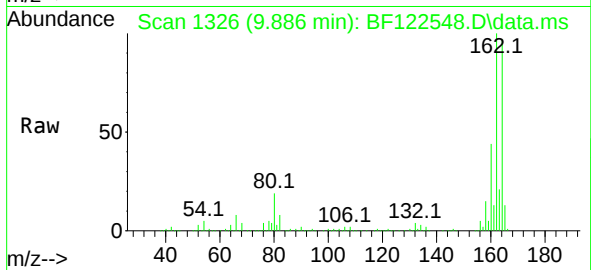
Tgt Ion:139 Resp: 693
Ion Ratio Lower Upper
139 100
109 0.0 45.4 85.4#
65 0.0 68.4 108.4#



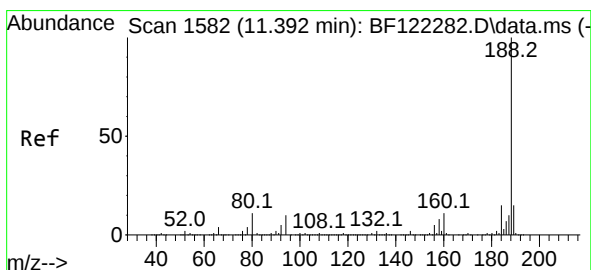
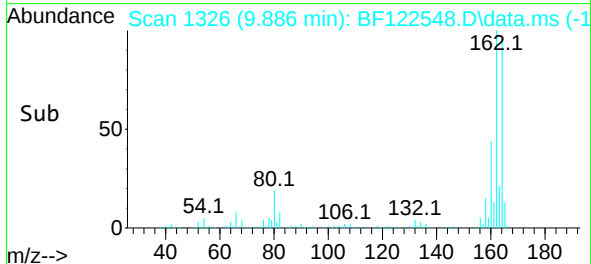
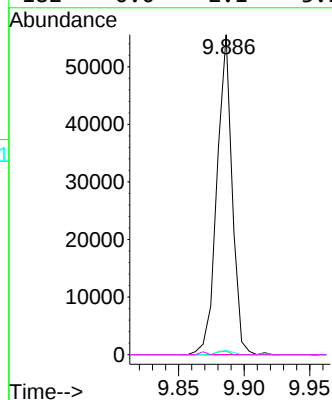


#57
2,4-Dinitrotoluene
Concen: 10.68 ng
RT: 9.886 min Scan# 1326
Delta R.T. -0.194 min
Lab File: BF122548.D
Acq: 4 Dec 2020 16:34

Instrument :
BNA_F
ClientSampleId :
PAV-B47-113020-0-10

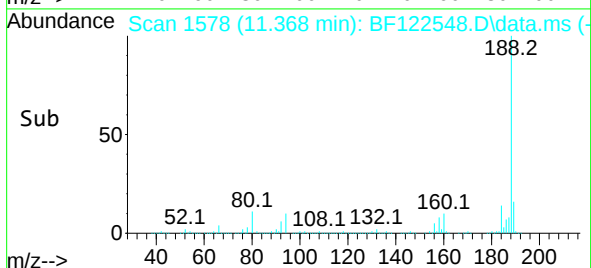
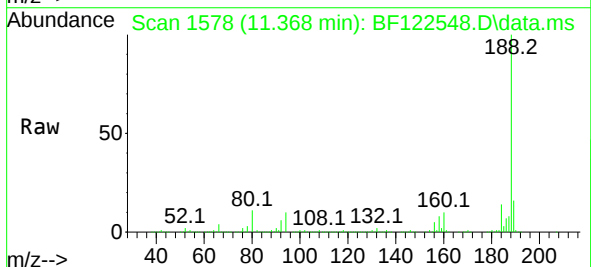
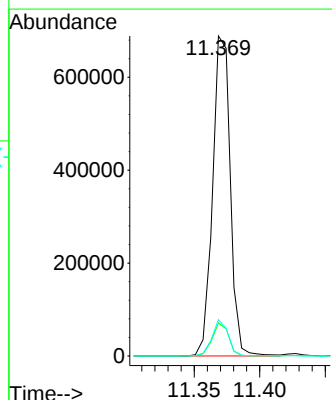


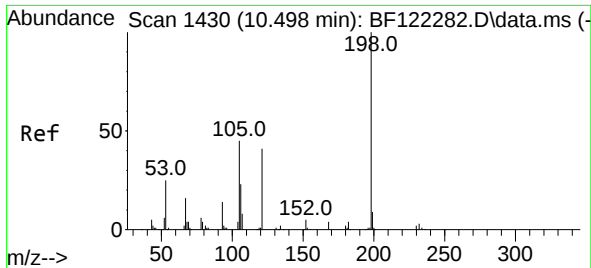
Tgt Ion:165 Resp: 44757
Ion Ratio Lower Upper
165 100
63 1.1 41.3 61.9#
89 1.3 61.8 92.8#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.368 min Scan# 1578
Delta R.T. -0.006 min
Lab File: BF122548.D
Acq: 4 Dec 2020 16:34

Tgt Ion:188 Resp: 645333
Ion Ratio Lower Upper
188 100
94 10.3 8.3 12.5
80 11.3 9.1 13.7

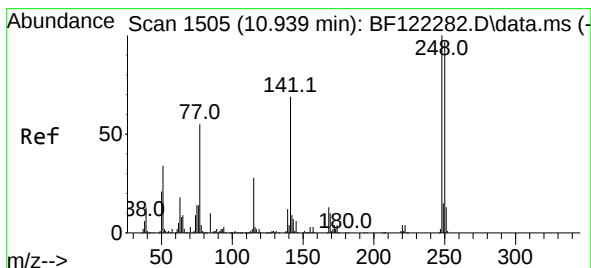
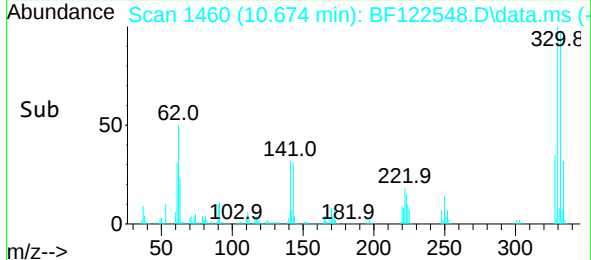
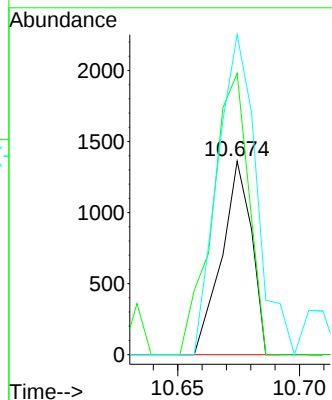
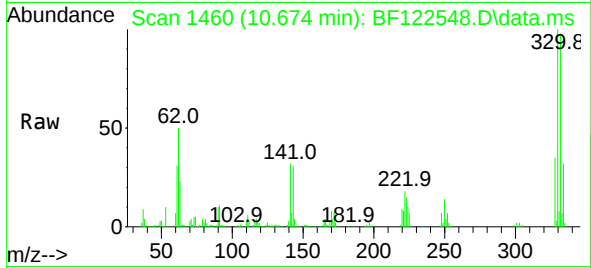




#65
4,6-Dinitro-2-methylphenol
Concen: 6.67 ng
RT: 10.674 min Scan# 1460
Delta R.T. 0.188 min
Lab File: BF122548.D
Acq: 4 Dec 2020 16:34

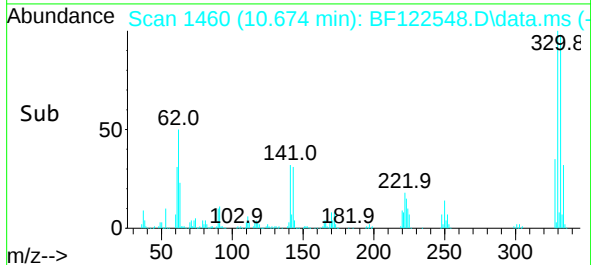
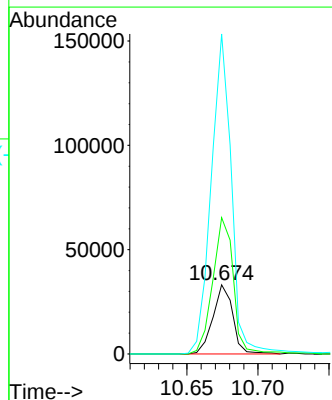
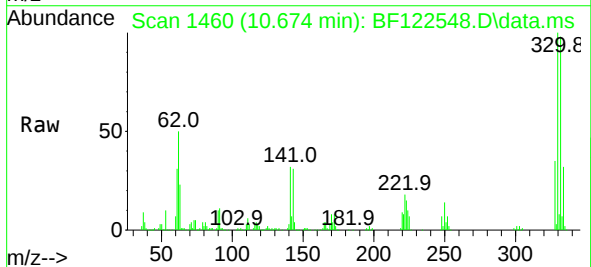
Instrument :
BNA_F
ClientSampleId :
PAV-B47-113020-0-10

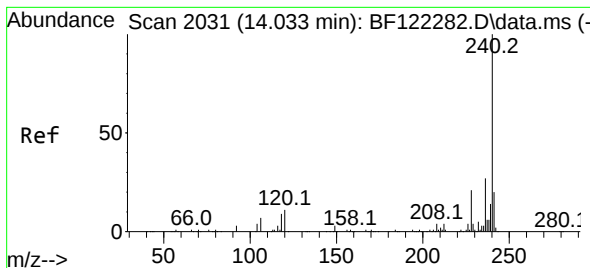
Tgt Ion:198 Resp: 1161
Ion Ratio Lower Upper
198 100
51 145.5 29.6 69.6#
105 165.5 24.4 64.4#



#67
4-Bromophenyl-phenylether
Concen: 4.26 ng
RT: 10.674 min Scan# 1460
Delta R.T. -0.247 min
Lab File: BF122548.D
Acq: 4 Dec 2020 16:34

Tgt Ion:248 Resp: 32272
Ion Ratio Lower Upper
248 100
250 197.4 77.0 115.6#
141 463.4 53.7 80.5#

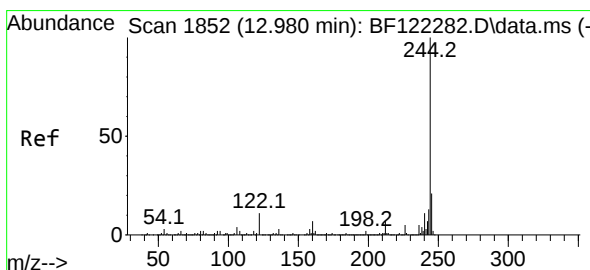
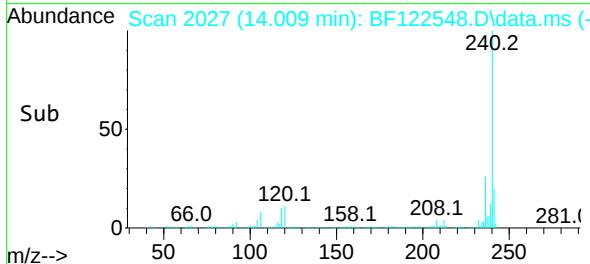
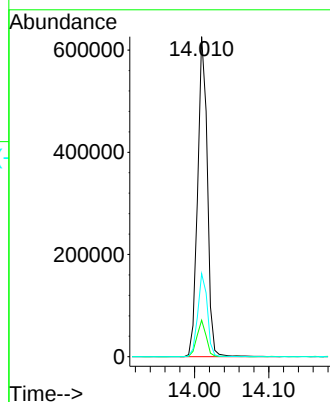
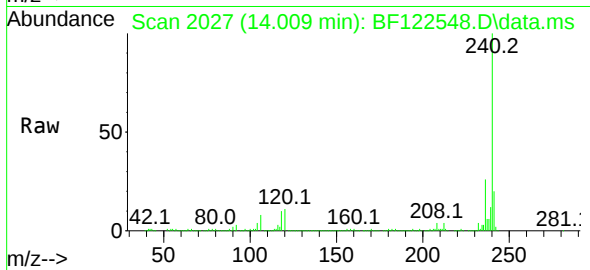




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.009 min Scan# 2027
Delta R.T. -0.012 min
Lab File: BF122548.D
Acq: 4 Dec 2020 16:34

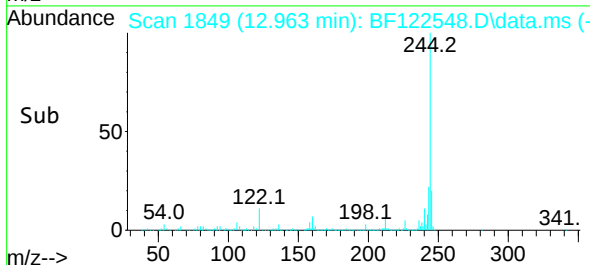
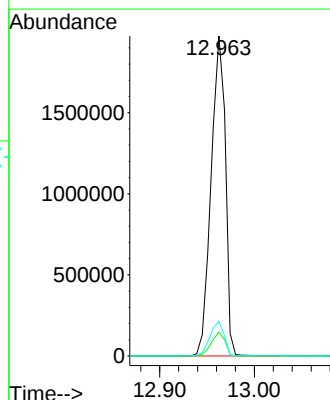
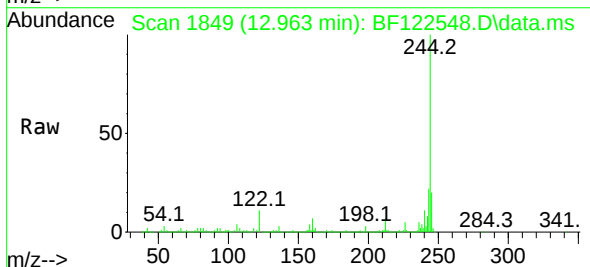
Instrument :
BNA_F
ClientSampleId :
PAV-B47-113020-0-10

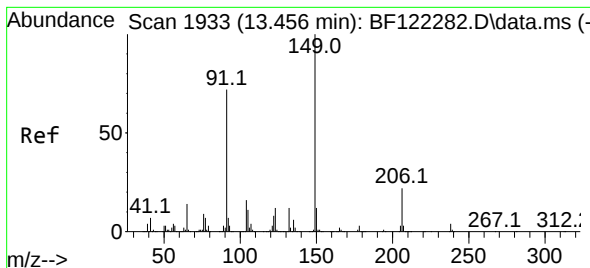
Tgt Ion:240 Resp: 566286
Ion Ratio Lower Upper
240 100
120 11.4 9.2 13.8
236 26.0 20.9 31.3



#79
Terphenyl-d14
Concen: 77.26 ng
RT: 12.963 min Scan# 1849
Delta R.T. -0.000 min
Lab File: BF122548.D
Acq: 4 Dec 2020 16:34

Tgt Ion:244 Resp: 2065109
Ion Ratio Lower Upper
244 100
212 7.4 5.4 8.2
122 10.7 8.1 12.1

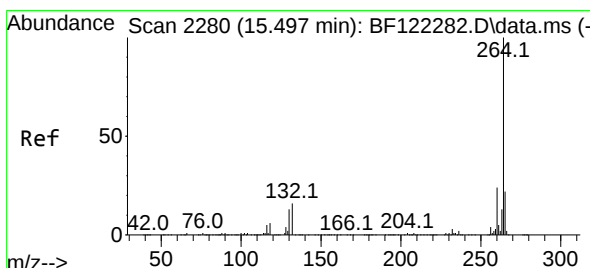
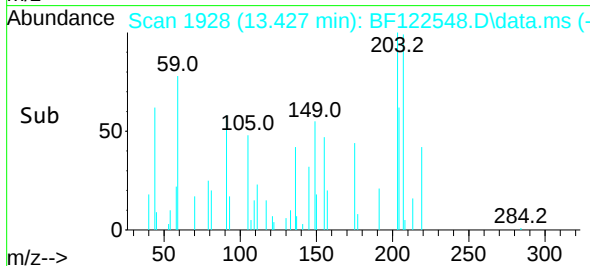
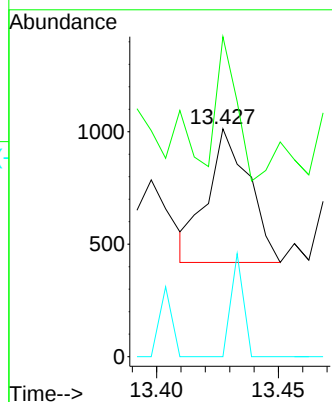
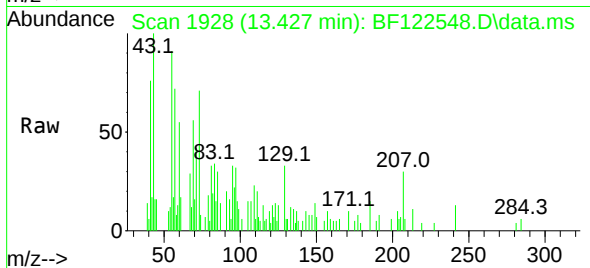




#80
Butylbenzylphthalate
Concen: 3.33 ng
RT: 13.427 min Scan# 1928
Delta R.T. -0.006 min
Lab File: BF122548.D
Acq: 4 Dec 2020 16:34

Instrument :
BNA_F
ClientSampleId :
PAV-B47-113020-0-10

Tgt Ion:149 Resp: 706
Ion Ratio Lower Upper
149 100
91 140.5 61.0 91.4#
206 0.0 16.7 25.1#



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.474 min Scan# 2276
Delta R.T. -0.006 min
Lab File: BF122548.D
Acq: 4 Dec 2020 16:34

Tgt Ion:264 Resp: 473558
Ion Ratio Lower Upper
264 100
260 23.7 18.7 28.1
265 21.3 17.3 25.9

